



JG14 Rec'd PCT/PTO

29 APR 2002

1647
RECEIVED

MAY 01 2002

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Sampath et al.

Serial No: 10/050,050

Filed: January 15, 2002

For: MORPHOGEN TREATMENT OF
GASTROINTESTINAL ULCERS

4/10 TECH CENTER 1600/2900
Attorney Docket No. CIBT-P05-518

Art Unit: 1647

Examiner: N/A

**COPY OF PAPERS
ORIGINALLY FILED**

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail, postage prepaid, in an envelope addressed to: Commissioner for Patents, United States Patent and Trademark Office, Washington, D.C. 20231.

4/19/02

Date of Signature
and of Mail Deposit

Anna P. Lucey
Anna P. Lucey

Commissioner for Patents
United State Patent and Trademark Office
Washington, D.C. 20231

**INFORMATION DISCLOSURE STATEMENT IN COMPLIANCE WITH 37
CFR §§ 1.97(b) and 1.98(d)**

Submitted herewith on Form PTO-1449 is a list of publications that applicants and their agents/attorneys have identified during the preparation of this application. In accordance with CFR § 1.98 (d), applicants respectfully submit that **no copy** of any patent, publication, or other information listed on the enclosed Form PTO 1449 is needed because the citations were made in prior application U.S.S.N. 08/461,113, filed June 5, 1995, which is relied upon for an earlier filing date under 35 U.S.C. 120.

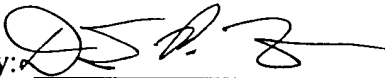
This Information Disclosure Statement is being filed before the mailing of the first office action on the merits; therefore, no fee is due.

Applicants respectfully request that the Examiner consider the listed documents and indicate that they were considered by making appropriate notations on the attached Form 1449.

This submission does not represent that a search has been made or that no better art exists. Nor does it constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the documents as prior art against any claim in the application and Applicants determine that the cited documents do not constitute "prior art" under United States law, Applicants reserve the right to present to the Office the relevant facts and law regarding the appropriate status of such documents.

Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

Respectfully submitted,
Ropes & Gray

By: 
David P. Halstead, Ph.D.
Reg. No. 44,735

Dated: *April 19, 2002*
Customer No. 28120
Ropes & Gray
Patent Group
One International Place
Boston, MA 02110-2624

**INFORMATION DISCLOSURE CITATION
IN AN APPLICATION**
(Use several sheets if necessary)

Docket Number (Optional)

CIBT-P05-518

Application Number

10/050,050

Applicant
Sampath et al.Filing Date
January 15, 2002Group Art Unit
1647**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	5,645,591	7/97	Kuberasampath et al.		
	AB	5,236,456	8/17/93	O'Leary et al.		
	AC	5,234,901	10/93	Szabo et al.		
	AD	5,171,579	12/15/92	Ron et al.		
	AE	5,141,905	8/92	Rosen et al.		
	AF	5,135,915	8/92	Czarniecki et al.		
	AG	5,118,791	6/92	Burnier et al.		
	AH	5,110,795	5/92	Hahn		
	AI	5,108,989	4/92	Amento et al.		
	AJ	5,108,753	4/92	Kuberasampath et al.		
	AK	5,106,626	4/92	Parsons et al.		
	AL	5,102,870	4/92	Florine et al.		
	AM	5,091,513	2/92	Huston et al.		
	AN	5,043,329	8/91	Lichtenberger		
	AO	5,013,649	5/91	Wang et al.		
	AP	5,011,691	4/91	Oppermann et al.		
	AQ	5,008,240	4/91	Bentz et al.		
	AR	4,983,581	1/91	Antoniades et al.		
	AS	4,975,526	12/90	Kuberasampath et al.		
	AT	4,971,952	11/90	Bentz et al.		
	AU	4,968,590	11/90	Kuberasampath et al.		
	AV	4,919,939	4/90	Baker		
	AW	4,877,864	10/89	Wang et al.		
	AX	4,806,523	2/89	Bentz et al.		

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
	AY	EP 0416578	3/91	Europe			

**INFORMATION DISCLOSURE CITAT
IN AN APPLICATION**

(Use several sheets if necessary)

Docket Number (Optional)

CIBT-P05-518

Application Number

10/050,050

Applicant
Sampath et al.

Filing Date

January 15, 2002

Group Art Unit

1647

	AZ	EP 0269408	6/88	Europe				
	BA	EP 0148155	7/85	Europe				
	BB	WO 93/04692	3/93	PCT				
	BC	92/15323	9/92	PCT				
	BD	92/09301	6/92	PCT				
	BE	92/07073	4/92	PCT				
	BF	91/18558	12/91	PCT				
	BG	91/05802	5/91	PCT				
	BH	90/11366	10/90	PCT				
	BI	90/10018	9/90	PCT				
	BJ	90/03733	4/90	PCT				
	BK	90/01941	3/90	PCT				
	BL	90/00900	2/90	PCT				
	BM	89/10409	11/89	PCT				
	BN	89/09788	10/89	PCT				
	BO	89/09787	10/89	PCT				
	BP	88/00205	1/88	PCT				
	BQ	84/01106	3/84	PCT				

RECEIVED

MAY 01 2002

TECH CENTER 1600/2900

COPY OF PAPERS
ORIGINALLY FILED**OTHER DOCUMENTS**

(Including Author, Title, Date, Pertinent Pages Etc.)

	BR	Alper. Ulcers as an Infectious Disease. <i>Science</i> 260, 159-160 (1993).
	BS	Ayers. Molecular Cell Biology. Addison-Wesley Publishing Company. p803 (1989).
	BT	Baird et al. Inhibition of endothelial cell proliferation by type-beta transforming growth factor: interactions with acidic and basic fibroblast growth factors. <i>Biochem. Biophys. Res. Comm.</i> 138, 476-482 (1986).
	BU	Basler et al. Control of Cell Pattern in the Neural Tube: Regulation of Cell Differentiation by Dorsalin-1, a Novel TGF β Family Member. <i>Cell</i> 73, 687-702 (1993).
	BV	Beck et al. Accelerated healing of ulcer wounds in the rabbit ear by recombinant human transforming growth-beta 1. <i>Growth Factors</i> 2, 273-282 (1990).
	BW	Behringer et al. Abnormal Sexual Development in Transgenic Mice Chronically Expressing Mullerian Inhibiting Substance. <i>Nature</i> 345, 167-170 (1990).

Form PTO-1449		Docket Number (Optional) CIBT-P05-518	Application Number 10/050,050
INFORMATION DISCLOSURE CITAT IN AN APPLICATION (Use several sheets if necessary)		Applicant Sampath et al.	MAY 01 2002 TECH CENTER 1600/290
		Filing Date January 15, 2002	
BX	Border et al. Suppression of Experimental Glomerulonephritis by Antiserum Against Transforming Growth Factor B1. <i>Nature</i> 346, 371-374 (1990).		
BY	Border et al. Transforming Growth Factor- β in Disease: The Dark Side of Tissue Repair. <i>J. Clin. Invest.</i> 90, 1-7 (1992).		
BZ	Bowie et al. Deciphering the message in protein sequences: tolerance to amino acid substitutions. <i>Science</i> 247, 1306-1310 (1990).		
CA	Caplan. Mesenchymal Stem Cells. <i>J. Orthop. Res.</i> 9, 641-650 (1991).		
CB	Castilla et al. Transforming Growth Factors B1 and α in Chronic Liver Disease. <i>The New England J. Med.</i> 324, 933-939 (1991).		
CC	Cate et al. Isolation of the Bovine and Human Genes for Mullerian Inhibiting Substance and Expression of the Human Gene in Animal Cells. <i>Cell</i> 45, 685-698 (1986).		
CD	Celeste et al. Identification of Transforming Growth Factor Beta Family Members Present in Bone-Inductive Protein Purified from Bovine Bone. <i>PNAS</i> 87, 9843-9847 (1990).		
CE	Cheifetz et al. A Surface Component on GH3 Pituitary Cells That Recognizes Transforming Growth Factor-B, Activin, and Inhibin. <i>J. Biol. Chem.</i> 263, 17725-17728 (1988).		
CF	Chen et al. Bone Morphogenetic Protein-2b Stimulation of Growth and Osteogenic Phenotypes in Rat Osteoblast-like Cells: Comparison with TGF-B. <i>J. Bone. Min. Res.</i> 6, 1387-1393 (1991).		
CG	Chomcuzaski et al. Single-step Method of RNA Isolation by Acid Guanidinium Thiocyanate-Phenol-Chloroform Extraction. <i>Anal. Biochem.</i> 162, 156-159 (1987).		
CH	Clark et al. Coregulation of Collagenase and Collagenase Inhibitor Production by Phorbol Myristate Acetate in Human Skin Fibroblasts. <i>Arch. Bio. Chem. Biophys.</i> 241, 36-44 (1985).		
CI	Coffman et al. Xotch, the Xenopus Homolog of Drosophila Notch. <i>Science</i> 249, 1438-1441 (1990).		
CJ	D'Allessandro et al. <i>J. Cell. Biochem. Suppl.</i> 15F (Abstr. No. 105), 1991.		
CK	Estevez et al. The daf-4 Gene Encodes a Bone Morphogenetic Protein Receptor Controlling C. Elegans Dauer Larva Development. <i>Nature</i> 365, 644-649 (1993).		
CL	Fava et al. Transforming Growth Factor B1 (TGF-B1) Induced Neutrophil Recruitment to Synovial Tissues: Implications for TGF-B-driven Synovial Inflammation and Hyperplasia. <i>J. Exp. Med.</i> 173, 1121-1132 (1991).		
CM	Fausto et al. Effects of TGF- β s in the Liver: Cell Proliferation and Fibrogenesis. <i>Ciba Found. Symp.</i> 157, 165-174 (1991).		
CN	Forage et al. Cloning and Sequence Analysis of cDNA Species Coding for the Two Subunits of Inhibin from Bovine Follicular Fluid. <i>PNAS</i> 83, 3091-3095 (1986).		

COPY OF PAPERS
ORIGINALLY FILED

Form PTO-1449		Docket Number (Optional)	Application Number
INFORMATION DISCLOSURE CITAT		CIBT-P05-518	10/050,050
IN AN APPLICATION		Applicant	MAY 01 2002
(Use several sheets if necessary)		Sampath et al.	
		Filing Date	Group Art Unit
		January 15, 2002	1647
	CO	Gallagher. Oral Mucous Membrane Reactions to Drugs and Chemicals. <i>Curr. Opin. Dent.</i> 1, 777-782 (1991).	
	CP	Gennaro. <u>Remington's Pharmaceutical Sciences</u> (Mack Pubs, N. Y.), 1990.	
	CQ	George et al. Macromolecular Sequencing and Synthesis; Selected Methods and Applications. 12, 127-149 (1988).	
	CR	Gray et al. Requirement for Activin A and Transforming Growth Factor-B1 Pro-Regions in Homodimer Assembly. <i>Science</i> 247, 391-394 (1990).	
	CS	Green et al. Graded Changes in Dose of a Xenopus Activin A Homologue Elicit Stepwise Transitions in Embryonic Cell Fate. <i>Nature</i> 347, 391-394 (1990).	
	CT	Heath et al. Regulatory Factors of Embryonic Stem Cells. <i>J. Cell Sci. Suppl.</i> 10, 257-266 (1988).	
	CU	Hebda et al. Stimulatory effects of transforming growth factor-beta and epidermal growth factor on epidermal cell outgrowth from porcine skin explant cultures. <i>J. Invest. Dermatol.</i> 91, 440-445 (1988).	
	CV	Israel et al. Abstract Q-111 <i>J. Cell Biochem. Suppl.</i> (1991).	
	CW	Israel et al. Expression and Characterization of Bone Morphogenetic Protein-2 in Chinese Hamster Ovary Cells. <i>Growth Factors</i> 7, 139-150 (1992).	
	CX	Joyce et al. Role of growth factors in fracture healing. <i>Prog. Clin. Biol. Res.</i> 365, 391-416 (1991).	
	CY	Katagiri et al. The Non-Osteogenic Mouse Pluripotent Cell Line, C3H10T1/2, is Induced to Differentiate Into Osteoblastic Cells by Recombinant Human Bone Morphogenetic Protein-2. <i>Biochem. Biophys. Res. Comm.</i> 172, 295-299 (1990).	
	CZ	Khalil et al. Increased Production and Immunohistochemical Localization of Transforming Growth Factor-B in Idiopathic Pulmonary Fibrosis. <i>Am. J. Respir. Cell Mol. Biol.</i> 5, 155-162 (1991).	
	DA	Kingsley. The TGF-B Superfamily: New Members, New Receptors, and New Genetic Tests of Function in Different Organisms. <i>Genes & Development</i> 8, 133-146 (1994).	
	DB	Koenig et al. Characterization and Cloning of a Receptor for BMP-2 and BMP-4 from NIH 3T3 Cells. <i>Mol. Cell. Biol.</i> 14, 5961-5974 (1994).	
	DC	Krummel et al. Transforming Growth Factor Beta (TGF-B) Induces Fibrosis in a Fetal Wound Model. <i>J. Pediatric Surgery</i> 23, 647-652 (1988).	
	DD	Kuruvilla et al. Protective Effect of Transforming Growth Factor B1 on Experimental Autoimmune Diseases in Mice. <i>PNAS</i> 88, 2918-2921 (1991).	
	DE	Lee. Expression of Growth/Differentiation Factor I in the Nervous System: Conservation of a Bicistronic Structure. <i>PNAS</i> 88, 4250-4254 (1991).	

COPY OF PAPERS
ORIGINALLY FILED

Form PTO-1449 INFORMATION DISCLOSURE CITAT IN AN APPLICATION (Use several sheets if necessary)		Docket Number (Optional) CIBT-P05-518	Application Number 10/050,050
		Applicant Sampath et al.	
		Filing Date January 15, 2002	Group Art Unit 1647
	DF	Lee. Identification of a Novel Member (GDF-1) of the Transforming Growth Factor- β Superfamily. <i>Mol. Endocrinol.</i> 4, 1034-1040 (1990).	
	DG	Lefer et al. Anti-Ischaemic and Endothelial Protective Actions of Recombinant Human Osteogenic Protein (hOP-1). <i>J. Mol. Cell. Cardiol.</i> 24, 585-593 (1992).	
	DH	Lefer et al. Mediation of Cardioprotection by Transforming Growth Factor-B. <i>Science</i> 249, 61-64 (1990).	
	DI	Lumpkin et al. Existence of high abundance antiproliferative mRNAs in senescent human diploid fibroblasts. <i>Science</i> 232, 393-395 (1986).	
	DJ	Lyons. VGR-1, A Mammalian Gene Related to Xenopus VG-1, is a member of the Transforming Growth Factor Beta Gene Superfamily. <i>PNAS</i> 86, 4554-4558 (1989).	
	DK	Lyons et al. Patterns of Expression of Murine VGR-1 and BMP-2a RNA Suggest that Transforming Growth Factor-B-Like Genes Coordinately Regulate Aspects of Embryonic Development. <i>Genes & Development</i> 3, 1657-1668 (1989).	
	DL	Mason. Complementary DNA Sequences of Ovarian Follicular Fluid Inhibin Show Precursor Structure and Homology with Transforming Growth Factor-B. <i>Nature</i> 318, 659-663 (1985).	
	DM	Mason et al. Activin B: Precursor Sequences, Genomic Structure and in Vitro Activities. <i>Mol. Endocrinol.</i> 3, 1352-1358 (1989).	
	DN	Massague. The TGF-B Family of Growth and Differentiation Factors. <i>Cell</i> 49, 437-438 (1987).	
	DO	Miller et al. Phenotypic Modulation of the Swarm Rat Chondrosarcoma Induced by Morphogenetic Bone Matrix. <i>Cancer Res.</i> 42, 3589-3594 (1987).	
	DP	Noda et al. In vivo stimulation of bone formation by transforming growth factor-beta. <i>Endocrinology</i> 124, 2991-2994 (June 1989)	
	DQ	Okayasu et al. A Novel Method in the Induction of Reliable Experimental Acute and Chronic Ulcerative Colitis in Mice. <i>Gastroenterology</i> 98, 694-702 (1990).	
	DR	Okuda et al. Elevated Expression of Transforming Growth Factor-B and Proteoglycan Production in Experimental Glomerulonephritis, Possible Role in Expansion of the Mesangial Extracellular Matrix. <i>J. Clin. Invest.</i> 86, 453-462 (1990).	
	DS	Onderdonk et al. Bacteriological Studies of Experimental Ulcerative Colitis. <i>Am. J. Clin. Nutr.</i> 32, 258-265 (1979).	
	DT	Onderdonk et al. Experimental Models for Ulcerative Colitis. <i>Dig. Diseases Sci.</i> 30, 40S-44S (1985).	
	DU	Ozkaynak et al. Murine Osteogenic Protein (OP-1): High Levels of mRNA in Kidney. <i>Biochem. Biophys. Res. Comm.</i> 179, 116-123 (1991).	
	DV	Ozkaynak et al. OP-1 cDNA Encodes an Osteogenic Protein in the TGF-B Family. <i>EMBO J.</i> 9, 2085-2093 (1990).	

COPY OF PAPERS
ORIGINALLY FILED

Form-PTO-1449		Docket Number (Optional) CIBT-P05-518		Application Number 10/050,050	
INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)		Applicant Sampath et al.		MAY 01 2002	
		Filing Date January 15, 2002		Group Art Unit 1647	
	DW	Padgett et al. Human BMP Sequences Can Confer Normal Dorsal-Ventral Patterning in the Drosophila Embryo. <i>PNAS</i> 90, 2905-2909 (1993).			
	DX	Padgett et al. A Transcript from a Drosophila Pattern Gene Predicts a Protein Homologous to the Transforming Growth Factor- β Family. <i>Nature</i> 325, 81-84 (1987).			
	DY	Panganiban et al. Biochemical Characterization of the Drosophila dpp Protein, a Member of the Transforming Growth Factor- β Family of Growth Factors. <i>Mol. Cell. Biol.</i> 10, 2669-2677 (1990).			
	DZ	Pepinsky et al. Proteolytic Processing of Mullerian Inhibiting Substance Produces a Transforming Growth Factor- β -like Fragment. <i>J. Biol. Chem.</i> 263, 18961-18964 (1988).			
	EA	Perides et al. Regulation of Neural Cell Adhesion Molecule and L1 by the Transforming Growth Factor- β Superfamily. <i>J. Biol. Chem.</i> 269, 765-770 (1994).			
	EB	Perides et al. Osteogenic Protein-1 Regulates L1 and Neural Cell Adhesion Molecule Gene Expression in Neural Cells. <i>J. Biol. Chem.</i> 268, 25197-25205 (1993).			
	EC	Pihan et al. Biliary and Pancreatic Secretions Influence Experimental Duodenal Ulcer Without Affecting Gastric Secretion in the Rat. <i>Dig. Disease Sci.</i> 30, 240-246 (1985).			
	ED	Postlethwaite et al. Modulation of Fibroblast Functions by Interleukin 1: Increased Steady-State Accumulation of Type I Procollagen Messenger RNAs and Stimulation of Other Functions but Not Chemotaxis by Human Recombinant Interleukin 1 α and β . <i>J. Cell. Biol.</i> 106, 311-318 (1988).			
	EE	Postlethwaite et al. Stimulation of Glycosaminoglycan Synthesis in Cultured Human Dermal Fibroblasts by Interleukin 1. <i>J. Clin. Invest.</i> 83, 629-636 (1989).			
	EF	Preston. The Pathophysiological and Pharmacological Basis of Peptic Ulcer Therapy. <i>Toxicol. Pathol.</i> 16, 260-266 (1988).			
	EG	Roberts, A. B. & Sporn, M. B. The Transforming Growth Factor-Betas. <i>Peptide Growth Factors and Their Receptors</i> Sporn, M. B. & Roberts, A. B., eds. Handbook of Experimental Pharmacology 95, 419-472 Springer-Verlag, Heidelberg (1990).			
	EH	Roberts et al. Transforming growth factor type-beta: rapid induction of fibrosis and angiogenesis in vivo and stimulation of collagen formation in vitro. <i>PNAS</i> 83, 4167-4171 (1986).			
	EI	Rogers et al. Bone Morphogenetic Proteins-2 and -4 are Involved in the Retinoic Acid-Induced Differentiation of Embryonal Carcinoma Cells. <i>Mol. Biol. Cell.</i> 3, 189-196 (1992).			
	EJ	Rosen et al. Purification and Molecular Cloning of a Novel Group of BMPs and Localization of BMP mRNA in Developing Bone. <i>Conn. Tissue. Res.</i> 20, 313-319 (1989).			
	EK	Rosen et al.; Celeste et al. <i>J. Cell. Biochem.</i> : Supplement 14E 33 (Abstr. No. 0-004); 54 (Abstr. No. 0-105), 1990.			
	EL	Rosen et al.; Celeste et al.; Wozney et al. <i>J. Cell Biochem. Suppl.</i> 16F (Abstr. No. W513, W502 and W026), 1992.			
	EM	Rosen et al.; Wozney et al.; Wang et al. <i>Calcified Tissue International</i> 42 (Suppl.): A35 (Abstr. No. 136); A37 (Abstr. No. 146 & 147), 1988.			

**INFORMATION DISCLOSURE CITATION
IN AN APPLICATION**
(Use several sheets if necessary)

Docket Number (Optional)
CIBT-P05-518

APR 29 2002

Application Number
10/050,050

Sheet Page 7 of 9

MAY 01 2002

Applicant
Sampath et al.

Filing Date
January 15, 2002

Group Art Unit
1647

TECH CENTER 1600/290

EN	Sampath et al. Bovine Osteogenic Protein is Composed of Dimers of OP-1 and BMP-2A, Two Members of the Transforming Growth Factor-B Superfamily. <i>J. Biol. Chem.</i> 265, 13198-13205 (1990).
EO	Sampath et al. Drosophila Transforming Growth Factor B Superfamily Proteins Induce Endochondral Bone Formation in Mammals. <i>PNAS</i> 90, 6004-6008 (1993).
EP	Sampath et al. Homology of Bone-Inductive Proteins From Human, Monkey, Bovine, and Rat Extracellular Matrix. <i>PNAS</i> 80, 6591-6595 (1983).
EQ	Sanderson et al. Hepatic Expression of Mature Transforming Growth Factor β 1 in Transgenic Mice Results in Multiple Tissue Lesions. <i>PNAS</i> 92, 2572-2576 (1995).
ER	Schubert et al. Activin is a Nerve Cell Survival Molecule. <i>Nature</i> 344, 868-870 (1990).
ES	Shipley et al. Reversible inhibition of normal human prokeratinocyte proliferation by type beta transforming growth factor-growth inhibitor in serum-free medium. <i>Cancer Res.</i> 46, 2068-2071 (1986).
ET	Smith et al. Identification of a Potent Xenopus Mesoderm Inducing Factor as a Homologue of Activin A. <i>Nature</i> 345, 729-731 (1990).
EU	Sokol et al. A Mouse Macrophage Factor Induces Head Structures and Organizes a Body Axis in Xenopus. <i>Science</i> 249, 561-563 (1990).
EV	Sonis et al. An Animal Model for Mucositis Induced by Cancer Chemotherapy. <i>Oral Surg. Oral Med. Oral Pathol.</i> 69, 437-443 (1990).
EW	Sporn, M. B. & Roberts, A. B. Transforming growth factor-beta: New chemical forms and new biologic roles. <i>Biofactors</i> 1, 89-93 (1988).
EX	Sporn et al. Peptide growth factors are multifunctional. <i>Nature</i> 332, 217-219 (1988).
EY	Sporn et al. Transforming Growth Factor- β . <i>JAMA</i> 262, 938-941 (1989).
EZ	Storm et al. Limb Alterations in Brachypodism Mice Due to Mutations in a New Member of the TGF- β -Superfamily. <i>Nature</i> 368, 639-643 (1994).
FA	Sugino et al. Identification of a Specific Receptor for Erythroid Differentiation Factor on Follicular Granulosa Cell. <i>J. Biol. Chem.</i> 263, 15249-15252 (1988).
FB	Szabo et al. Pathogenesis of Duodenal Ulcer, Gastric Hyperacidity Caused by Propionitrile and Cyteamine in Rats. <i>Res. Comm. Chem. Pathol. Pharmacol.</i> 16, 311-323 (1977).
FC	Takuwa et al. Bone Morphogenetic Protein-2 Stimulates Alkaline Phosphatase Activity and Collagen Synthesis in Cultured Osteoblastic Cells, MC3T3-E1. <i>Biochem. Biophys. Res. Comm.</i> 174, 96-101 (1991).
FD	Thies et al. Recombinant Human Bone Morphogenetic Protein-2 Induces Osteoblastic Differentiation in W-20-17 Stromal Cells. <i>Endocrinol.</i> 139, 1318-1324 (1992).

Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)		Docket Number (Optional) CIBT-P05-518	APR 29 2002	Application Number 10/050,050	RECEIVED MAY 01 2002
		Applicant Sampath et al.			
		Filing Date January 15, 2002	Group Art Unit 1647 TECH CENTER 1600/2900		
	FE	Van Den Eijnden-Van Raaij et al. Activin-Like Factor from a Xenopus Laevis Cell Line Responsible for Mesoderm Induction. <i>Nature</i> 345, 732-734 (1990).			
	FF	Vukicevic et al. Localization of Osteogenic Protein-1 (Bone Morphogenetic Protein-7) During Human Embryonic Development: High Affinity Binding to Basement Membranes. <i>Biochem. Biophys. Res. Comm.</i> 198, 693-700 (1994).			
	FG	Vukicevic et al. Stimulation of the Expression of Osteogenic and Chondrogenic Phenotypes in vitro by Osteogenin. <i>PNAS</i> 86, 8793-8797 (1989).			
	FH	Wahl. Transforming Growth Factor Beta (TGF- β) in Inflammation: A Cause and A Cure. <i>J. Clin. Immunol.</i> 12, 61-74 (1992).			
	FI	Wahl et al. Inflammatory and Immunomodulatory Roles of the TGF- β . <i>Immunol. Today</i> 10, 258-261 (1989).			
	FJ	Wahl et al. Reversal of Acute and Chronic Synovial Inflammation by Anti-Transforming Growth Factor β . <i>J. Exp. Med.</i> 177, 225-230 (1993).			
	FK	Wall et al. Biosynthesis and In Vivo Localization of the Decapentaplegic-Vg-Related Protein, DVR-6 (Bone Morphogenetic Protein-6). <i>J. Cell. Biol.</i> 120, 493-502 (1993).			
	FL	Wang et al. Purification and Characterization of Other Distinct Bone-Inducing Factors. <i>PNAS</i> 85, 9484-9488 (1988).			
	FM	Wang et al. Recombinant Human Bone Morphogenetic Protein Induces Bone Formation. <i>PNAS</i> 87, 2220-2224 (1990).			
	FN	Weeks et al. Maternal mRNA Localized to the Vegetal Hemisphere Xenopus Eggs Codes for a Growth Factor Related to TGF- β . <i>Cell</i> 51, 861-867 (1987).			
	FO	Wharton et al. Drosophila 60A Gene, Another Transforming Growth Factor β Family Member, is Closely Related to Human Bone Morphogenetic Proteins. <i>PNAS</i> 88, 9214-9218 (1991).			
	FP	Whitby et al. Immunohistochemical Localization of Growth Factors in Fetal Wound Healing. <i>Dev. Biol.</i> 147, 207-215 (1991).			
	FQ	Williams. The Role of Diffusible Molecules in Regulating the Cellular Differentiation of Dictyostelium Discoideum. <i>Development</i> 103, 1-16 (1988).			
	FR	Wozney. The Bone Morphogenetic Protein Family and Osteogenesis. <i>Mol. Reprod. & Dev.</i> 32, 160-167 (1992).			
	FS	Wozney. Bone Morphogenetic Proteins. <i>Progress in Growth Res.</i> 1, 267-280 (1989).			
	FT	Woxney et al. Growth Factors Influencing Bone Development. <i>J. Cell Sci. Suppl.</i> 13, 149-156 (1990).			
	FU	Wozney et al. Novel Regulators of Bone Formation: Molecular Clones and Activities. <i>Science</i> 242, 1528-1533 (1988).			

Form PTO-1449 INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>		Docket Number (Optional) CIBT-P05-518	Application Number 10/050,050
		Applicant Sampath et al.	
		Filing Date January 15, 2002	Group Art Unit 1647
	FV	Yamaguchi et al. Recombinant Human Bone Morphogenetic Protein-2 Stimulates Osteoblastic Maturation and Inhibits Myogenic Differentiation in Vitro. <i>J. Cell. Biol.</i> 113, 681-687 (1991).	
	FW	Yannas. Biologically Active Analogues of the Extracellular Matrix: Artificial Skin and Nerves. <i>Angew. Chem. Int. Ed. Engl.</i> 29, 20-35 (1990).	
EXAMINER		DATE CONSIDERED	
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.			

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

COPY OF PAPERS
ORIGINALLY FILEDRECEIVED
MAY 01 2002
TECH CENTER 1600/2900